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**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**Docket Number (Optional)
1772-5

First named inventor: KIM, Sangyum et al

Application No.: 10/720579

Art Unit: 1753

Filed: 24 November 2008

Examiner: Wong, E.

METHOD FOR MANUFACTURING VERY LOW ROUGHNESS ELECTRODEPOSITED COPPER FOIL AND ELECTRODEPOSITED
Title: COPPER FOIL MANUFACTURED THEREBY

Attention: Office of Petitions

Mail Stop Petition

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

FAX (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact Petitions
Information at (571) 272-3282.The above-identified application became abandoned for failure to file a timely and proper reply to a notice or
action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration
date of the period set for reply in the office notice or action plus an extensions of time actually obtained.**APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION**

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications
filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee☐ Small entity-fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.☒ Other than small entity - fee \$ 1620 (37 CFR 1.17(m))**2. Reply and/or fee**A. The reply and/or fee to the above-noted Office action in
the form of Amendment C (identify type of reply):

- ☐ has been filed previously on _____.
- ☒ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ _____.

- ☐ has been paid previously on _____.
- ☐ is enclosed herewith.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the
USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to
complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any
comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer,
U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED
FORMS TO THIS ADDRESS. **SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ _____ for a small entity or \$ _____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO 2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

/Andrew W. Chu/

Signature

2 December 2008

Date

Andrew W. Chu

Typed or printed name

46625

Registration Number, if applicable

Customer No. 24106

Address

7132248080

Telephone Number

Address

Enclosures: ☒ Fee Payment☒ Reply☐ Terminal Disclaimer Form☒ Additional sheets containing statements establishing unintentional delay☐ Other: _____**CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]**

I hereby certify that this correspondence is being:

☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

☒ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300. by e-file

2 December 2008

Date

/Andrew W. Chu/

Signature

Andrew W. Chu

Typed or printed name of person signing certificate

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: KIM, Sangyum; CHOI, Chang Hee; JO, Cha Jae; KIM, Jeong Ik; WOO, Kyung
Nyung; KI, Joon Seo; MOON, Hong Gi

SERIAL NO.: 10/720,579 ART UNIT: 1753

FILED: November 24, 2003 EXAMINER: Wong, E.

TITLE: METHOD FOR MANUFACTURING VERY LOW ROUGHNESS
ELECTRODEPOSITED COPPER FOIL AND ELECTRODEPOSITED COPPER FOIL
MANUFACTURED THEREBY

PETITION FOR REVIVAL OF AN APPLICATION
FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 C.F.R. § 1.137(b)
STATEMENT OF FACTS

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.137(b), the following is a statement of delay caused by
unintentional circumstances.

1. The present application was filed on 24 November 2003 as a non-provisional utility patent application, claiming priority from a Korean patent application.
2. A non-final Office Action was mailed on 6 May 2008, rejecting Claims 23-31, the pending claims. The deadline for response was 6 August 2008.
3. Applicant did not intend to fail to provide a response, in the form of an amendment responsive to the claims.
4. As such, the Application was constructively abandoned as of 6 November 2008.
5. A Notice of Abandonment was mailed on 21 November 2008.

6. An Amendment "C", responsive to the Office Action of 6 May 2008 is concurrently filed herewith.
7. The present petition is less than three months after 21 November 2008, the date the U.S. Patent and Trademark Office sent a Notice of Abandonment. The delay in filing the present petition less than three months after the Notice of Abandonment was unintentional.
8. The present petition is less than one year after the date of actual abandonment by the U.S. Patent and Trademark Office on 6 May 2009. The delay in filing the present petition less than one year after the actual abandonment was unintentional.
9. The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 C.F.R. § 1.137(b) was unintentional.

Applicant petitions for revival based upon unintentional delay, and Applicant has included a proper response, comprising the Amendment C with changes to the claims and remarks.

Applicant files the required reply to secure revival of the patent application for consideration on the merits.

No new matter has been added.

The present Petition for Revival is less than one year of the actual abandonment. The present Petition for Revival is less than three months after receiving Notice of Abandonment. This period of delay was not intentional. The entire period of delay, until the filing of the present grantable petition, was unintentional.

Applicant respectfully requests granting the Petition to Revive because the Applicant never intended for the application to be abandoned. No new matter has been added by the present amendment. The government fee of \$1620 for an entity other than a small entity is attached. Any additional fees for the petition to revive or any overpayment with regard to this petition and application may be credited or debited to Deposit Account 08-0879.

Respectfully submitted,

<u>December 2, 2008</u>	<u>/Andrew W. Chu/</u>
Date	John S. Egbert Reg. No. 30,627 Andrew W. Chu Reg. No. 46,625 Attorney for Applicant
Customer No. 24106	Egbert Law Offices PLLC 412 Main Street, 7 th Floor Houston, Texas 77002 (713)224-8080 (713)223-4873 (Fax)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: KIM, Sangyum; CHOI, Chang Hee; JO, Cha Jae; KIM, Jeong Ik; WOO, Kyung
Nyung; KI, Joon Seo; MOON, Hong Gi

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MANUFACTURED THEREBY

CERTIFICATE OF MAILING UNDER 37 CFR 1.8(a)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the attached correspondence comprising:

PETITION FOR REVIVAL OF AN APPLICATION (37 C.F.R. § 1.137(b))

is being deposited by electronic filing on December 2, 2008.

Respectfully submitted,

<u>December 2, 2008</u>	<u>/Andrew W. Chu/</u>
Date	John S. Egbert Reg. No. 30,627 Andrew W. Chu Reg. No. 46,625 Attorney for Applicant
Customer No. 24106	Egbert Law Offices PLLC 412 Main Street, 7 th Floor Houston, Texas 77002 (713)224-8080 (713)223-4873 fax